Amendments to the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

1.-13. (canceled)

14.   (new) A method for assigning transmission capacity to a threshold value for limiting traffic in a communication network, the method comprising:

providing an expected traffic volume subjected to an admission control via the threshold value;

providing a plurality of nodes and a plurality of links using the admission control, the links for the transmission of traffic admitted on the basis of admission control;

assigning a portion of a transmission capacity to the threshold value such that a highest probability of non-admission traffic according to the expected traffic volume is selected; and

increasing the threshold value if an amount of spare capacity corresponding to the portion of transmission capacity is available on the links.

15.   (new) The method according to claim 14,

wherein a traffic distribution is performed within the network, and

wherein the assignment occurs if an amount of spare capacity on the links corresponding to a capacity increment reduced according to the portion transmitted over a relevant link is available.

16.   (new) The method according to claim 14, further comprising:

providing a set of threshold values used for admission controls; and

executing the method iteratively while the set is not empty,

wherein for each iteration a threshold value having the highest probability of non-admission of traffic the is selected from the set, and

wherein for insufficient spare capacity the assignment does not occur and the selected threshold value is not considered in subsequent iterations.

17.   (new) The method according to claim 16, wherein for the threshold value to which a portion of transmission capacity has been assigned, the probability of non-admission of traffic is recalculated on the basis of the total transmission capacity assigned to the threshold value.

18.   (new) The method according to claim 14, wherein for the threshold value to which a portion of transmission capacity has been assigned, the probability of non-admission of traffic is recalculated on the basis of the total transmission capacity assigned to the threshold value.

19.   (new) The method according to claim 14, wherein the portion of transmission capacity for assignment to the threshold value is set according to the portion of the expected traffic volume.

20.   (new) The method according to claim 14, wherein the portion of transmission capacity is set to a minimum link capacity increment or proportional to the portion of the expected traffic volume.

21.   (new) The method according to claim 20, wherein a product value is the product of the portion of the expected traffic volume and the quotient of the total spare capacity on a link and an aggregated expected traffic volume on that link.

22.   (new) The method according to claim 21, wherein the portion of transmission capacity is set proportional to the product value.

23.   (new) The method according to claim 22,

wherein the portion of transmission capacity is set to the product value,

wherein the probability of non-admission of traffic in the case of an admission control via the threshold value after being assigned the corresponding portion of transmission capacity is calculated,

wherein for a set of threshold values used for admission controls, a portion of transmission capacity is defined via of product value and the associated probability of non-admission is calculated, and

wherein the portion of transmission capacity is decremented step by step and the corresponding probability of non-admission of traffic in the case of admission control via the threshold value is recalculated until the of non-admission of traffic is greater than or equal to the calculated probabilities of non-admission of traffic in the case of admission control via the set of threshold values.

24.   (new) The method according to claim 21, further comprising providing a plurality of product values for the links and wherein the portion of transmission capacity is set proportional to the minimum product value.

25.   (new) The method according to claim 14,

wherein a value for the portion of transmission capacity is determine due to a failure of at least one node or at least one link, and

wherein the portion of transmission capacity is set to the minimum of the determined values.

26.   (new) The method according to claim 14, wherein due to a failure of at least one node or at least one link:

a value for the portion of transmission capacity is determined by setting the values for the portion of transmission capacity proportional to the product of

the portion of the expected traffic volume and the quotient of the total spare capacity on a link and an aggregated expected traffic volume on that link, and

the portion of transmission capacity is set equal to the minimum of the determined values.

27.   (new) The method according to claim 26, wherein for each links the values are determined and the portion of transmission capacity is set equal to the minimum of the determined values.

28.   (new) The method according to claim 26, wherein the portion of transmission capacity is set to a minimum capacity increment if the increment is greater than the portion of transmission capacity calculated.